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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/498,725	02/07/2000	Raja Tuli		9222

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EXAMINER
CARDONE, JASON D

ART UNIT	PAPER NUMBER
2142	

DATE MAILED: 12/10/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/498,725	Applicant(s) TULI, RAJA	
	Examiner Jason D Cardone	Art Unit 2142	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *10/7/02* .

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-8* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-8* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☒ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *07 February 2000* is/are: a)☐ accepted or b)☒ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11)☐ The proposed drawing correction filed on _____ is: a)☐ approved b)☐ disapproved by the Examiner.

If approved, corrected drawings are required in reply to this Office action.

12)☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____ .

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

14)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

a) ☐ The translation of the foreign language provisional application has been received.

15)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ .
4) ☐ Interview Summary (PTO-413) Paper No(s). _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☒ Other: *See Attached Office Action* .

DETAILED ACTION

1. Claims 1-8 are presented for examination.

Drawings

2. The drawings are objected to under 37 CFR 1.83(o) because suitable descriptive legends should be used where necessary for understanding of the drawing. They should contain as few words as possible. A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

Specification

3. The abstract of the disclosure is objected to because of the length of the abstract.

Applicant is reminded of the proper language and format for an abstract of the disclosure. The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 150 words. It is important that the abstract not exceed 150 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

Correction is required. See MPEP § 608.01(b).

4. Claims 5-8 are objected to because of the following informalities:

It is suggested that in each claim, the last limitation should have an "and" preceding it. Appropriate correction is required.

Claim Rejections - 35 USC § 112

5. The following is a quotation of the second paragraph of 35 U.S.C. 112:

> The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter, which the applicant regards as his invention.

6. Claim 8 recites the limitation "click event" in the third line of the claim. There is insufficient antecedent basis for this limitation in the claim, since there is only reference to a click in the claim.

Claim Rejections - 35 USC § 102

7. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

8. Claims 1-5 are rejected under 35 U.S.C. 102(e) as being anticipated by Cronin, III et al. (hereinafter Cronin III), U.S. Patent No. 6,182,127.

9. Regarding claim 1, Cronin III discloses a device (client) that enables a user to view contents of a virtual desktop (web page on the network image view server) sent to the device (client) as a raster image (scaled and regional view) of the virtual desktop (web page) [Cronin III, col. 1, lines 55-65, col. 3, lines 18-61, col. 6, lines 39-58, and col. 9, lines 44-48].

10. Regarding claim 2, Cronin III discloses a device that enables a user to view contents of a virtual Web browser sent to the device as a raster image (scaled and regional view) of the virtual Web browser [Cronin III, col. 1, lines 55-65, col. 2, lines 51-65, col. 3, lines 18-61, col. 6, lines 39-58, and col. 9, lines 44-48].

11. Regarding claim 3, Cronin III discloses translator software resident on a host computer (network image view server) that takes a virtual desktop and translates it to a raster image (scaled and regional view) and sends it to a remote location (client) [Cronin III, col. 1, lines 55-65, col. 2, lines 51-65, col. 3, lines 18-61, col. 6, lines 39-58, and col. 8, line 23 - col. 9, line 48].

12. Regarding claim 4, Cronin III discloses translator software resident on a host computer (network image view server) that takes a virtual Web browser and translates it to a raster image (scaled and regional view) and sends it to a remote location (client) [Cronin III, col. 1, lines 55-65, col. 2, lines 51-65, col. 3, lines 18-61, col. 6, lines 39-58, and col. 8, line 23 - col. 9, line 48].

13. Regarding claim 5, Cronin III further discloses the user is allowed to click on any point in the image and the device sends a message to a host (ie, a hyperlink), wherein the host sends back a refreshed raster image [ie. sends the page (scaled and regional) related to the hyperlink to the client, Cronin III, col. 3, lines 18-61 and col. 8, line 23 - col. 9, line 48].

Claim Rejections - 35 USC § 103

14. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

15. Claims 6 and 7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Cronin III as applied to claim 1 above, and further in view of Kahn et al. (hereinafter Kahn), U.S. Patent No. 6,404,416.

16. Regarding claims 6 and 7, Cronin III further discloses the user is allowed to click on any point in the image and the device sends a message to a host (ie, a hyperlink), wherein the host sends back a refreshed raster image [ie. sends the page (scaled and regional) related to the hyperlink to the client, Cronin III, col. 3, lines 18-61 and col. 8, line 23 - col. 9, line 48]. Cronin III does not specifically disclose the user can double-click or "drag and drop" on any point in the image to retrieve a new or updated

image. However, Kahn, in the same field of endeavor, discloses a graphical user interface to allow user to interact (ie. click, double-click, "drag and "drop") to a computer. The computer would then react to the action (ie. change image) [Kahn, col. 1, lines 44-53, col. 4, lines 53-63, col. 6, lines 1-37, and col. 10, lines 29-38], similar to the reaction by the web server in Cronin III [Cronin III, col. 3, lines 18-61]. It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate double-click and "drag and drop", taught by Kahn, with the functions of the device (ie. the click function), taught by Cronin III, in order to show regular functions (undisclosed in Cronin III) within a device.

17. Claim 8 is rejected under 35 U.S.C. 103(a) as being unpatentable over Cronin III as applied to claim 1 above, and further in view of Gardell et al. (hereinafter Gardell), U.S. Patent No. 6,049,831.

18. Regarding claim 8, Cronin III further discloses the user is allowed to click on any point in the image and the device sends a message to a host [Cronin III, col. 3, lines 18-61 and col. 8, line 23 - col. 9, line 48]. Cronin III does not specifically disclose if the click event is in a location where the user could type text, the host sends a message back to the device to prompt the user to enter text. However, Gardell, in the same field of endeavor, discloses if the user requests a page with a text input field, the host sends the user the translated page with the text input field to be filled in [Gardell, col. 3, line 25 – col. 4, line 54 and col. 5, lines 10-16 and 41-46]. It would have been obvious to one

having ordinary skill in the art at the time the invention was made to incorporate text entry, taught by Gardell, into the web browser, taught by Cronin III, in order to show regular functions (undisclosed in Cronin III) of a web browser.

Conclusion

19. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Boutell et al., "PNG (Portable Network Graphics) Specification Version 1.0", discloses the translation of network graphics into a format for portable devices.

Halfhill, T.R., "Good-bye GUI....Hello, NUI", discloses virtual desktops with dynamic Web content.

Masinter, "Returning Values from Forms: multipart/form-data", discloses users filling out web page forms.

Jao et al., "The display of Photographic-quality images on the Web: a comparison of two technologies", discloses FlashPix technology over the web.

Kaljuvee et al., "Efficient Web form entry on PDAs", discloses HTML forms on a portable device.

Watar, EP 0890922, discloses creating an image file with different resolutions (different raster images) for printing or viewing.

Magallanes et al., U.S. Patent No. 5,925,103, discloses clients accessing web applications through a web server.

Tarantino et al., U.S. Patent No. 6,192,393, discloses tiling a FlashPix image of a panoramic view for a client.

Mairs et al., U.S. Patent No. 6,304,928, discloses a host creating a bitmap image to send to a requesting client.

Zwern, U.S. Patent No. 6,359,603, discloses portable display with mouse pointer.

Hadberg, U.S. Patent No. 6,411,275, discloses showing a part of a screen upon a portable device.

Blumberg, U.S. Patent No. 6,449,639, discloses an image server storing web pages for a client to view a scalable image of a web page.

Tuli, PG Pub No. 2001/0028470, discloses raster imaging for a portable device.

Feinstein, U.S. Patent No. 6,466,198, discloses viewing a part of an image upon a portable device.

Tuli, PG Pub No. 2002/0030844, discloses raster imaging for a portable device.

Tuli, PG Pub No. 2002/0099766, discloses raster imaging for a portable device.

20. A shortened statutory period for reply to this Office action is set to expire THREE MONTHS from the mailing date of this action.

21. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jason D. Cardone, whose telephone number is (703) 305-8484. The examiner can normally be reached on Monday through Thursday from

9:00am to 6:00pm. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mark Powell, can be reached on (703) 305-9703.

The fax numbers for the organization where this application or proceeding is assigned are as follows:

(703) 746-7238 (After Final Communications)

(703) 746-7239 (Official Communications)

(703) 746-7240 (For Status inquiries, Draft Communications)

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist, whose telephone number is (703) 305-3900.

Jason D. Cardone
December 1, 2002